LMA District Cover Sheet

Spring 2018 Levee Inspection Results

Levee District No. 0002 (Glenn County)

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
† Overall LMA Rating (Fall Only)				
	** Non-receipt of Summ Reports may effect o			
FALL INSPECTIONS: The overall maintena	d using the same crite ance rating shown abo	ria in the spring and i ve is based on opera	n the fall.	ficiencies identified
Comments				

Unit Cover Sheet

Spring 2018 Levee Inspection Results

Levee District No. 0002 (Glenn County)

Waterway	Bank	Unit Miles
Unit No. 01 Glenn County Sacramento River	Right	4.90

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/7/2018 - 3/7/2018			
DWR Inspector	Bob Duffey			
Accompanied By	Dennis Clark LD 2			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

http://cdec.water.ca.gov/lma.html

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

Levee Inspection Report By Mile - Spring 2018

Levee District No. 0002 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	03/07/2018 03/07/2018	Bob Duffey

LM Start		Rating **	Α	Issue No.		14	
LM End		Issue Type +	Ма	Location *			
Category	Earthen L	evee		GPS La	atituc	le/Longitude	
Calegory				Start		End	
Item	Operations & Maintenance Manuals				0		0
пеш					0		0
DWR ID DWR_LD0002_01_s _ 2013_14							
		Comn	nent Cod	le			
			_				_
		Inspecto	or Comm	nent			
The LMA has copies of the O&M manuals.							

No Photos

LM Start		Rating **	Α	Issue No.		17	
LM End		Issue Type +	Ma	Location *			
Catagoni Earthen Levee				GPS Latitude/Longitude			
Category			Start		End		
Item	Emergency Supplies &			0		0	
пеш	Equipmen	nt			0		0
DWR ID	DWR_LD00	002_01_s _ 201	3_17				
Comment Code							

No Photos

Inspector Comment
The LMA has adequate flood fight supplies and equipment.

LM Start		Rating **	Α	Issue No.		18	
LM End		Issue Type +	Ma	Location *			
Category Earthen Levee			GPS Latitude/Longitude				
Category				Start		End	
Item	Flood Pre	lood Preparedness & Training			0		0
пеш	em				0		0
DWR ID	DWR_LD0	002_01_s _ 201	3_18				
		Comn	nent Cod	le			
	Inspector Comment						

No Photos

The LMA has completed flood fight training in the past. Recommend taking flood fight training.

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency
WS : Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement

Levee Inspection Report By Mile - Spring 2018

Levee District No. 0002 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	03/07/2018 03/07/2018	Bob Duffey

LM Start	0.07	Rating **	М	Issue No.		Issue No. 6		6	
LM End	0.28	Issue Type +	Ма	Location *		WS			
Category	Supplemental			GPS Latitude/Longitude					
Calegory						End			
ltom		2015 USACE Erosion Survey,			19°	39.417689	0		
пеш	Item DRAFT		-122.00985	53 °	-122.010369	0			
DWR ID	DWR_LD0	002_01_s _ 201	6_6						

Comment Code

Inspector Comment

2009 - Very slow retreat, hard toe, encroaching into the levee projection. 2010 - Slowly eroding. 2011 - Site extended downstream. 2015: Last observed in 2013. [2015 Site ID: SAC_164-7_R]

LM Start	0.07	Rating **	М	Issue No.	6 (cont)
LM End	0.28	Issue Type +	Ma	Location *	WS



USACE 2013 Photo #1

Photo 2 of 2: SP_2018_LD0002_28_6_20180305_00005.jpg



USACE 2013 Photo #2

Levee Inspection Report By Mile - Spring 2018

Levee District No. 0002 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	03/07/2018 03/07/2018	Bob Duffey

LM Start	0.59	Rating **	М	Issue No.		53	
LM End	0.59	Issue Type +	En	Location *			
Category	Supplemental				GPS Latitude/Longitude		
Calegory				Start		End	
Item	DWR UC	IP Field Study		39.42208	8 °	39.422088 °	
пеш				-122.01161	5°	-122.011615 °	
DWR ID						·	

Comment Code

Inspector Comment

FS_ID:42083 DS_ID:24877 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Need to contact owner to determine if conduit goes through levee crown. If it does, will need to obtain permit number issued for encroachment.

FIELD_STRUCT_DESC: Caltrans traffic control box located on the

landside (LS) shoulder. FS Date: 5/16/2013

LM Start	0.59	Rating **	М	Issue No.	53 (cont)
LM End	0.59	Issue Type +	En	Location *	

Photo 1 of 3: UCIP_SP_2018_42083_72882.jpg



View of landward slope.

Photo 2 of 3: UCIP_SP_2018_42083_72881.jpg



View of levee crown at crossing.

Levee Inspection Report By Mile - Spring 2018

Levee District No. 0002 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	03/07/2018 03/07/2018	Bob Duffey

LM Start	0.59	Rating **	М	Issue No.		53 (cont)	
LM End	0.59	Issue Type +	En	Location *			
Category	Supplemental				GPS Latitude/Longitude		
Calegory				Start		End	
Item	DWR UC	IP Field Study		39.42208	38°	39.422088 °	
пеш				-122.01161	15°	-122.011615°	
DWR ID							

Comment Code

Inspector Comment

FS_ID:42083 DS_ID:24877 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Need to contact owner to determine if conduit goes through levee crown. If it does, will need to obtain permit number issued for encroachment.

FIELD_STRUCT_DESC: Caltrans traffic control box located on the

landside (LS) shoulder. FS Date: 5/16/2013



Service box located on landward shoulder.

Levee Inspection Report By Mile - Spring 2018

Levee District No. 0002 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	03/07/2018 03/07/2018	Bob Duffey

LM Start	0.61	Rating **	М	Issue No.		54	
LM End	0.61	Issue Type +	En	Location *			
Category				GPS Latitude/Longitude			
Calegory				Start		End	
Item	DWR UCI	P Field Study		39.4222	82 °	39.422282	0
пеш				-122.0116	34 °	-122.011634	0
DWR ID							

Inspector Comment

Comment Code

FS ID:38165 DS_ID:21185 EP NO: 2356

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Three pipes found in the pump house on landward side. Pump house appears to be no longer in use. Unable to locate pipes on waterward side. Will need to conctact owner to determine status. Owner will need to coordinate with CVFPB regarding proper removal per Title 23 requirements.

FIELD_STRUCT_DESC: [Princeton-Cordora-Glenn Irrigation District: Schaad Pumping Plant] 1 of 3: 28-inch steel pipe sleeved through 30inch steel pipe through the levee, 20 feet below the crown. Annular gap is grouted. Flap gate on landside (LS) end. Pump in pump house on LS slope. Rock revetment around outlet on waterside (WS) slope. (28- and 34-inch pipes sleeved through existing 30- and 36-inch pipes, permit shows three 36-inch pipes as part of Schaad Pumping Plant p. 17 of 19, authorized under Permit No. 2356, 1956, Princeton-Cordora-Glenn Irrigation District) [Additional Reference(s): DWR Levee Logs, 2005. USACE Sacramento O&M Manual Unit No. 151, November 1953, (Station 41+47), two 36-inch pipes]

FS Date: 5/16/2013

LM Start	0.61	Rating **	М	Issue No.	54 (cont)
LM End	0.61	Issue Type +	En	Location *	

Photo 1 of 3: UCIP_SP_2018_38165_69467.jpg

View of levee crown at crossing.

Photo 2 of 3: UCIP_SP_2018_38165_69469.jpg



View of Princeton-Cordora-Glenn Irrigation District--Schaad Pumping Plant.

Levee Inspection Report By Mile - Spring 2018

Levee District No. 0002 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	03/07/2018 03/07/2018	Bob Duffey

LM Start	0.61	Rating **	М	Issue No.		54 (cont)	
LM End	0.61	Issue Type +	En	Location *			
Category	Supplemental			GPS Latitude/Longitude			
Calegory				Start		End	
Item	DWR UC	IP Field Study		39.42228	2 °	39.422282	0
Item				-122.01163	4 °	-122.011634	0
DWR ID							

Comment Code

Inspector Comment

FS_ID:38165 DS_ID:21185 EP_NO: 2356

Repair Type: Non-Urgent Crossing Status: Found

FS Date: 5/16/2013

UCIP Comments: Three pipes found in the pump house on landward side. Pump house appears to be no longer in use. Unable to locate pipes on waterward side. Will need to conctact owner to determine status. Owner will need to coordinate with CVFPB regarding proper removal per Title 23 requirements.

FIELD_STRUCT_DESC: [Princeton-Cordora-Glenn Irrigation District: Schaad Pumping Plant] 1 of 3: 28-inch steel pipe sleeved through 30-inch steel pipe through the levee, 20 feet below the crown. Annular gap is grouted. Flap gate on landside (LS) end. Pump in pump house on LS slope. Rock revetment around outlet on waterside (WS) slope. (28- and 34-inch pipes sleeved through existing 30- and 36-inch pipes, permit shows three 36-inch pipes as part of Schaad Pumping Plant p. 17 of 19, authorized under Permit No. 2356, 1956, Princeton-Cordora-Glenn Irrigation District) [Additional Reference(s): DWR Levee Logs, 2005. USACE Sacramento O&M Manual Unit No. 151, November 1953, (Station 41+47), two 36-inch pipes]

Photo 3 of 3: UCIP_SP_2018_38165_69463.jpg



View of landward side--outlet.

CR: Crown

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiency

Ob : Design & System Obsolescence

En : Enforcement

Levee Inspection Report By Mile - Spring 2018

Levee District No. 0002 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	03/07/2018 03/07/2018	Bob Duffey

LM Start	0.61	Rating **	М	Issue No.		55
LM End	0.61	Issue Type +	En	Location *		
Category				GPS Latitude/Longitude		
Calegory				Start		End
Item	DWR UC	IP Field Study		39.42230	2°	39.422302 °
пеш				-122.01163	5°	-122.011635 °
DWR ID						

Comment Code

Inspector Comment

FS_ID:38166 DS_ID:21184 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Three pipes found in the pump house on landward side. Pump house appears to be no longer in use. Unable to locate pipes on waterward side. Will need to conctact owner to determine status. Owner will need to coordinate with CVFPB regarding proper removal per Title 23 requirements.

FIELD_STRUCT_DESC: [Princeton-Cordora-Glenn Irrigation District: Schaad Pumping Plant] 2 of 3: 34-inch steel pipe sleeved through 36-inch steel pipe through the levee, 20 feet below the crown. Annular gap is grouted. Flap gate on landside (LS) end. Pump in pump house on LS slope. Rock revetment around outlet on waterside (WS) slope. (28- and 34-inch pipes sleeved through existing 30- and 36-inch pipes, permit shows three 36-inch pipes as part of Schaad Pumping Plant p. 17 of 19, authorized under Permit No. 2356, 1956, Princeton-Cordora-Glenn Irrigation District) [Additional Reference(s): DWR Levee Logs, 2005. USACE Sacramento O&M Manual Unit No. 151, November 1953, (Station 41+47), two 36-inch pipes]

FS Date: 5/16/2013

LM Start	0.61	Rating **	М	Issue No.	55 (cont)
LM End	0.61	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2018_38166_69475.jpg



View of levee crown at crossing.

Photo 2 of 3: UCIP_SP_2018_38166_69476.jpg



View of Princeton-Cordora-Glenn Irrigation District--Schaad Pumping Plant.

Levee Inspection Report By Mile - Spring 2018

Levee District No. 0002 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	03/07/2018 03/07/2018	Bob Duffey

LM Start	0.61	Rating **	М	Issue No.		55 (cont)
LM End	0.61	Issue Type +	En	Location *		
Category Supplemental				GPS Latitude/Longit		
Calegory				Start		End
Item	DWR UC	IP Field Study		39.42230	2 °	39.422302
Item				-122.01163	5°	-122.011635
DWR ID						

Comment Code

Inspector Comment

FS_ID:38166 DS_ID:21184 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

FS Date: 5/16/2013

UCIP Comments: Three pipes found in the pump house on landward side. Pump house appears to be no longer in use. Unable to locate pipes on waterward side. Will need to conctact owner to determine status. Owner will need to coordinate with CVFPB regarding proper removal per Title 23 requirements.

FIELD_STRUCT_DESC: [Princeton-Cordora-Glenn Irrigation District: Schaad Pumping Plant] 2 of 3: 34-inch steel pipe sleeved through 36-inch steel pipe through the levee, 20 feet below the crown. Annular gap is grouted. Flap gate on landside (LS) end. Pump in pump house on LS slope. Rock revetment around outlet on waterside (WS) slope. (28- and 34-inch pipes sleeved through existing 30- and 36-inch pipes, permit shows three 36-inch pipes as part of Schaad Pumping Plant p. 17 of 19, authorized under Permit No. 2356, 1956, Princeton-Cordora-Glenn Irrigation District) [Additional Reference(s): DWR Levee Logs, 2005. USACE Sacramento O&M Manual Unit No. 151, November 1953, (Station 41+47), two 36-inch pipes]

Photo 3 of 3: UCIP_SP_2018_38166_69477.jpg



View of landward side--outlet.

* Location

LS: Land Side N/A: Not Applicable

WS: Water Side

CR: Crown

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiency

Ob : Design & System Obsolescence

En : Enforcement

Levee Inspection Report By Mile - Spring 2018

Levee District No. 0002 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	03/07/2018 03/07/2018	Bob Duffey

LM Start	0.61	Rating **	М	Issue No.		56
LM End	0.61	Issue Type +	En	Location *		
Category Supplemental				GPS Latitude/Longitu		
Calegory				Start		End
Item	DWR UC	IP Field Study		39.42232	9°	39.422329°
пеш				-122.01163	7°	-122.011637 °
DWR ID						

Comment Code

Inspector Comment

FS_ID:38167 DS_ID:21171 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Three pipes found in the pump house on landward side. Pump house appears to be no longer in use. Unable to locate pipes on waterward side. Will need to conctact owner to determine status. Owner will need to coordinate with CVFPB regarding proper removal per Title 23 requirements.

FIELD_STRUCT_DESC: [Princeton-Cordora-Glenn Irrigation District: Schaad Pumping Plant] 3 of 3: 34-inch steel pipe sleeved through 36-inch steel pipe through the levee, 20 feet below the crown. Annular gap is grouted. Flap gate on landside (LS) end. Pump in pump house on LS slope. Rock revetment around outlet on waterside (WS) slope. (28- and 34-inch pipes sleeved through existing 30- and 36-inch pipes, permit shows three 36-inch pipes as part of Schaad Pumping Plant p. 17 of 19, authorized under Permit No. 2356, 1956, Princeton-Cordora-Glenn Irrigation District) [Additional Reference(s): DWR Levee Logs, 2005. USACE Sacramento O&M Manual Unit No. 151, November 1953, (Station 41+47), two 36-inch pipes]

FS Date: 5/16/2013

LM Start	0.61	Rating **	М	Issue No.	56 (cont)
LM End	0.61	Issue Type +	En	Location *	

Photo 1 of 3: UCIP_SP_2018_38167_69483.jpg



View of levee crown with marker on wateward side.

Photo 2 of 3: UCIP_SP_2018_38167_69484.jpg



View of Princeton-Cordora-Glenn Irrigation District-Schaad Pumping Plant.

Levee Inspection Report By Mile - Spring 2018

Levee District No. 0002 (Glenn County)

Waterway		Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	03/07/2018 03/07/2018	Bob Duffey

LM Start	0.61	Rating **	М	Issue No.		56 (cont)	
LM End	0.61	Issue Type +	En	Location *			
Category	ental	GPS La	atitud	e/Longitude			
Calegory				Start		End	
Itom	DWR UC	IP Field Study		39.4223	29°	39.422329	0
Item				-122.0116	37°	-122.011637	0
DWR ID							

Comment Code

Inspector Comment

FS_ID:38167 DS_ID:21171 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Three pipes found in the pump house on landward side. Pump house appears to be no longer in use. Unable to locate pipes on waterward side. Will need to conctact owner to determine status. Owner will need to coordinate with CVFPB regarding proper removal per Title 23 requirements.

FIELD_STRUCT_DESC: [Princeton-Cordora-Glenn Irrigation District: Schaad Pumping Plant] 3 of 3: 34-inch steel pipe sleeved through 36-inch steel pipe through the levee, 20 feet below the crown. Annular gap is grouted. Flap gate on landside (LS) end. Pump in pump house on LS slope. Rock revetment around outlet on waterside (WS) slope. (28- and 34-inch pipes sleeved through existing 30- and 36-inch pipes, permit shows three 36-inch pipes as part of Schaad Pumping Plant p. 17 of 19, authorized under Permit No. 2356, 1956, Princeton-Cordora-Glenn Irrigation District) [Additional Reference(s): DWR Levee Logs, 2005. USACE Sacramento O&M Manual Unit No. 151, November 1953, (Station 41+47), two 36-inch pipes]

FS Date: 5/16/2013

Photo 3 of 3: UCIP_SP_2018_38167_69478.jpg



View of landward side--outlet.

Levee Inspection Report By Mile - Spring 2018

Levee District No. 0002 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	03/07/2018 03/07/2018	Bob Duffey

LM Start	0.61	Rating **	М	Issue No.		57
LM End	0.61	Issue Type +	En	Location *		
Category Supplemental				GPS Latitude/Longit		
Calegory				Start		End
Item	DWR UC	IP Field Study		39.42235	0 °	39.422350°
пеш				-122.01163	7°	-122.011637 °
DWR ID						

Comment Code

Inspector Comment

FS_ID:38168 DS_ID:21182 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Unable to verify if the pipes inside the exisiting pump house correlate to 24-inch installed in 1955. Three pipes found in the pump house on landward side. Pump house appears to be no longer in use. Unable to locate pipes on waterward side. Will need to conctact owner to determine status.

FIELD_STRUCT_DESC: [Pumping Plant] 24-inch steel pipe through the levee, 27.3 feet below the crown. Flap gate on landside (LS). Pump in pump house on LS. [Additional Reference(s): DWR Levee Logs, 2005. USACE Sacramento O&M Manual Unit No. 151, November 1953, (Station 41+47), 24-inch pipe]

FS Date: 5/16/2013

LM Start	0.61	Rating **	М	Issue No.	57 (cont)
LM End	0.61	Issue Type +	En	Location *	

Photo 1 of 3: UCIP_SP_2018_38168_69491.jpg



View of levee crown with marker on waterward side.

Photo 2 of 3: UCIP_SP_2018_38168_69493.jpg



View of Princeton-Cordora-Glenn Irrigation District-Schaad Pumping

Levee Inspection Report By Mile - Spring 2018

Levee District No. 0002 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	03/07/2018 03/07/2018	Bob Duffey

LM Start	0.61	Rating **	М	Issue No.	57 (cont)		
LM End	0.61	Issue Type +	En	Location *			
Category	ental	GPS Latitude/Longitude					
Calegory				Start		End	
Item	DWR UC	IP Field Study		39.4223	50°	39.422350	0
пеш				-122.0116	37°	-122.011637	0
DWR ID							

Comment Code

Inspector Comment

FS_ID:38168 DS_ID:21182 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Unable to verify if the pipes inside the exisiting pump house correlate to 24-inch installed in 1955. Three pipes found in the pump house on landward side. Pump house appears to be no longer in use. Unable to locate pipes on waterward side. Will need to conctact owner to determine status.

FIELD_STRUCT_DESC: [Pumping Plant] 24-inch steel pipe through the levee, 27.3 feet below the crown. Flap gate on landside (LS). Pump in pump house on LS. [Additional Reference(s): DWR Levee Logs, 2005. USACE Sacramento O&M Manual Unit No. 151, November 1953,

(Station 41+47), 24-inch pipe]

FS Date: 5/16/2013

Photo 3 of 3: UCIP_SP_2018_38168_69486.jpg



View of landward side--outlet.

LM Start	0.64	Rating **	М	Issue No.		35
LM End	0.77	Issue Type +	Ma	Location *		WS
Category	Earthen L	evee		GPS Latitude/Longitude		
Category				Start		End
Item	Vegetatio	Vegetation)5 °	39.424597°
Item				-122.01164	0°	-122.011527°
DWR ID	DWR_LD0002_01_s _ 2018_35					

Comment Code

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Remove the vegetation from the waterside slope.

Photo 1 of 1: SP_2018_LD0002_28_35_20180312_00057.jpg



View of the vegetation along the waterside slope.

Levee Inspection Report By Mile - Spring 2018

Levee District No. 0002 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	03/07/2018 03/07/2018	Bob Duffey

LM Start	1.03	Rating **	М	Issue No.		58	
LM End	1.03	Issue Type +	En	Location *			
Category	Supplemental				GPS Latitude/Longitude		
Calegory				Start		End	
Item	DWR UC	IP Field Study		39.42844	1°	39.428441 °	
пеш				-122.01103	2°	-122.011032°	
DWR ID							

Comment Code

Inspector Comment

FS_ID:44170 DS_ID:21177 EP_NO: 9723

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Owner is listed as Pacific Bell however sign lists AT&T as owner, need to contact owner to determine if permit was updated or if this crossing is listed under new permit. Unable to confirm if 2 crossings are present at this site.

FIELD_STRUCT_DESC: Buried telephone cable through the levee at unknown depth. Telephone pole and junction box on landside (LS) toe. (telephone cable authorized under Automatic Board Order (ABO) issued as Permit No. 9723-1974, Pacific Telephone Company).

FS Date: 5/16/2013

LM Start	1.03	Rating **	М	Issue No.	58 (cont)
LM End	1.03	Issue Type +	En	Location *	

Photo 1 of 3: UCIP_SP_2018_44170_72602.jpg



Indicators of existing line visible on slope.

Photo 2 of 3: UCIP_SP_2018_44170_72601.jpg



AT&T underground cable line.

Levee Inspection Report By Mile - Spring 2018

Levee District No. 0002 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	03/07/2018 03/07/2018	Bob Duffey

LM Start	1.03	Rating **	М	Issue No.		58 (cont)
LM End	1.03	Issue Type +	En	Location *		
Category	Suppleme	GPS Latitude/Longitude				
Calegory				Start		End
Item	DWR UC	IP Field Study		39.42844	1°	39.428441 °
пеш				-122.01103	2°	-122.011032 °
DWR ID						

Comment Code

Inspector Comment

FS_ID:44170 DS_ID:21177 EP_NO: 9723

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Owner is listed as Pacific Bell however sign lists AT&T as owner, need to contact owner to determine if permit was updated or if this crossing is listed under new permit. Unable to confirm if 2 crossings are present at this site.

FIELD_STRUCT_DESC: Buried telephone cable through the levee at unknown depth. Telephone pole and junction box on landside (LS) toe. (telephone cable authorized under Automatic Board Order (ABO) issued as Permit No. 9723-1974, Pacific Telephone Company).

FS Date: 5/16/2013



Sign lists Pacific Telephone system.

LM Start	1.03	Rating **	М	Issue No.		30
LM End	1.03	Issue Type +	En	Location *		WS
Category	Earthen L	evee		GPS La	atitude	e/Longitude
Calegory				Start		End
Item	Vegetatio	getation			45 °	39.428445 °
пеш				-122.0109	72 °	-122.010972 °
DWR ID	DWR_LD0002_01_f _ 2015_30					

Comment Code

V6 : Landscaping

Inspector Comment

Remove the oleanders from the waterside slope.

Photo 1 of 1: SP_2018_LD0002_28_30_20180305_00016.jpg



View of the oleanders along the waterside slope.

Levee Inspection Report By Mile - Spring 2018

Levee District No. 0002 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	03/07/2018 03/07/2018	Bob Duffey

LM Start	1.15	Rating **	М	Issue No.		29	
LM End	1.15	Issue Type +	Ma	Location *	WS		
Category	Earthen L	GPS Lat	ituc	le/Longitude			
Category			Start		End		
Item	Encroachments			39.43009	8°	39.430098°	
пеш				-122.01082	8°	-122.010828 °	
DWR ID	DWR_LD0	002_01_s _ 201	7_29				
	Comment Code						
TR : Tree or limb							

Inspector Comment
Remove the tree from the waterside slope and toe.



View of the tree on the water side slope and toe.

LM Start	1.24	Rating **	М	Issue No.		40
LM End	1.24	Issue Type +	Ma	Location *		WS
Category	Earthen L	evee		GPS La	atitud	e/Longitude
Calegory				Start		End
Item	Encroach	Encroachments			99°	39.431499°
item	-122.010803 ° -122.01080					-122.010803 °
DWR ID	DWR_LD0002_01_f _ 2013_40					

Comment Code

TR : Tree or limb

Inspector Comment

Remove the tree limbs from the waterside slope.

LM Start	1.24	Rating **	М	Issue No.	40 (cont)
LM End	1.24	Issue Type +	Ма	Location *	WS

Photo 1 of 2: SP_2018_LD0002_28_40_20180305_00021.jpg



View of the downed tree limb along the slope of the levee.

Photo 2 of 2 : SP_2018_LD0002_28_40_20180305_00022.jpg



View of the tree limbs along the waterside slope.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Spring 2018

Levee District No. 0002 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	03/07/2018 03/07/2018	Bob Duffey

LM Start	1.40	Rating **	М	Issue No.	34	
LM End	1.40	Issue Type +	Ma	Location *	CR	
Earthen Levee GPS Latitude/Longit				e/Longitude		
Calegory	Category					End
Item		rface / Depres	ssions /	39.43380	9°	39.433809°
пеш	Rutting			-122.01081	4 °	-122.010814°
DWR ID DWR_LD0002_01_f _ 2016_34						
0 10 1						

Comment Code

C2: Repair depressions or ruts in the crown or slope.

Inspector Comment

Photo 1 of 1 : SP_2018_LD0002_28_34_20180305_00020.jpg



View of a depression on the levee crown looking upstream.

LM Start	1.52	Rating **	U	Issue No.		15	
LM End	1.60	Issue Type +	Ma	Location *	LS		
Category	Earthen Levee					e/Longitude	
Calegory				Start		End	
Item	Animal Control				85°	39.436643°	
пеш				-122.0106	40°	-122.010498°	
DWR ID	DWR I DO	002 01 f 2013	2 15				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Repair the rodent holes along the landside slope.

LM Start	1.52	Rating **	U	Issue No.	15 (cont)
LM End	1.60	Issue Type +	Ma	Location *	LS

Photo 1 of 2: SP_2018_LD0002_28_15_20180305_00009.jpg



View of the rodent holes along the landside slope.

Photo 2 of 2: SP_2018_LD0002_28_15_20180305_00010.jpg



View of the rodent holes along the landside slope.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Spring 2018

Levee District No. 0002 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	03/07/2018 03/07/2018	Bob Duffey

LM Start	1.59	Rating **	A/W	Issue No.		41		
LM End	1.59	Issue Type +	Ma	Location *	* WS			
Cotagon Earthen Levee				GPS La	atitud	le/Longitude		
Category	Category					End		
Item	Animal Co	39.436550 °		39.436550°				
item	item				90°	-122.010490 °		
DWR ID	DWR_LD0	002_01_f _ 2016	6_41					
		Comn	nent Cod	le				
	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.							
Inspector Comment								

No Photos

LM Start	1.63	Rating **	М	Issue No.		32	
LM End	1.63	Issue Type +	Ma	Location *		WS	
Category	evee	GPS Latitude/Longitude					
Category				Start		End	
Item	Encroachments			39.4371	48 °	39.437148 °	
item			-122.010475 °		75 ° -122.010475 °		
DWR ID DWR_LD0002_01_f _ 2017_32							
Comment Code							

Comment Code

PR : Prunings

Inspector Comment

Remove the prunings from the waterside slope.



View of the prunings along the waterside slope.

Levee Inspection Report By Mile - Spring 2018

Levee District No. 0002 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	03/07/2018 03/07/2018	Bob Duffey

LM Start	2.39	Rating **	М	Issue No.		59
LM End	2.39	Issue Type +	En	Location *		
Category	Suppleme	ental	GPS Lat	tud	e/Longitude	
Calegory	Calegory					End
Item	DWR UC	IP Field Study		39.44653	4°	39.446534°
item				-122.01605	2°	-122.016052°
DWR ID						

No Photos

Inspector Comment

Comment Code

FS_ID:42085 DS_ID:21190 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Not Found

UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend coming back in the Fall to search for crossing. FIELD_STRUCT_DESC: Pump and tank in concrete box on the waterward side. Power poles on the waterward slope. Channel on

waterward side runs parallel to the levee.

FS Date: 5/16/2013

2.79	Rating **	М	Issue No.	60					
2.79	Issue Type +	En	Location *						
Category Supplemental					GPS Latitude/Longitude				
			Start		End				
DWR UCI	39.4521	80°	39.452180°						
			-122.017100 °		-122.017100 °				
					·				
	Suppleme	2.79 Issue Type + Supplemental	2.79 Issue Type + En	2.79 Issue Type + En Location * Supplemental GPS La Start Start DWR UCIP Field Study 39.45218	2.79 Issue Type + En Location * Supplemental GPS Latitud Start DWR UCIP Field Study 39.452180 °				

Comment Code

Inspector Comment

FS_ID:42086 DS_ID:21183 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Not Found

UCIP Comments: Unable to find any signs of crossing. LMA noted that crossing might have been grouted during the adjacent wildlife project. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend coming back in the Fall to search for crossing.

FIELD_STRUCT_DESC: 10-inch steel pipe of unknown purpose through the levee, approximately 17 feet below the crown. In 2012, LMA noted that this crossing might have been grouted during the adjacent wildlife project in unknown year however, no records are available to confirm. [Additional Reference(s): USACE Sacramento O&M Manual Unit No. 139, May 1955, (Station 111+17)]

FS Date: 5/16/2013

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency
WS : Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En: Enforcement

Levee Inspection Report By Mile - Spring 2018

Levee District No. 0002 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	03/07/2018 03/07/2018	Bob Duffey

LM Start	2.89	Rating **	С	Issue No.	5	
LM End	2.89	Issue Type +	Ma	Location *	LS	
Category	evee	GPS La	titud	e/Longitude		
Calegory		Start		End		
Item	Encroachments			39.45349	90°	39.453490 °
item				-122.01645	57 °	-122.016457 °
DWR ID	DWR_LD00	002_01_f _ 201	5_5			
Comment Code						
PR : Prunings						

Inspector Comment

The prunings was removed from the landside toe.

Photo 1 of 2: SP_2018_LD0002_28_2_20180305_00001.jpg

No Photos



View of the rodent holes along the landside slope.

Rating ** Issue No. LM Start 2.91 U 2 Issue Type + Ma Location * LS LM End 2.96 Earthen Levee GPS Latitude/Longitude Category **Animal Control** 39.453595° 39.454003° Item -122.016273° -122.015503 ° DWR ID DWR LD0002 01 f 2015 2

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Repair the rodent holes along the landside slope.

LM Start	2.91	Rating **	U	Issue No.	2 (cont)
LM End	2.96	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2018_LD0002_28_2_20180305_00002.jpg



View of the rodent holes and bait station along the landside slope.

* Location
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

** Rating
A: Acceptable N: Not Inspected/Rated M: Minimally Acceptable U: Unacceptable U: Unacceptable A/W: Acceptable but Monitor & Maintain

** Rating
A: Acceptable N: Not Inspected/Rated M: Maintanance Deficiency Ob: Design & System Obsolescence En: Enforcement

Levee Inspection Report By Mile - Spring 2018

Levee District No. 0002 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	03/07/2018 03/07/2018	Bob Duffey

LM Start	3.11	Rating **	U	Issue No.	12	
LM End	3.16	Issue Type +	Ma	Location *	LS	
Catagony	Earthen L	GPS La	titud	e/Longitude		
Calegory	Category			Start		End
Item	Animal Co	ontrol		39.45564	47 °	39.456004°
пеш				-122.01362	23 °	-122.012776 °
DWR ID DWR_LD0002_01_s _ 2013_12						
		0		L.		

Comment Code

A1: Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

Repair the rodent holes along landside slope.



View of the rodent activity along the landside slope.

LM Start	3.12	Rating **	С	Issue No.		33
LM End	3.12	Issue Type +	En	Location *	Location * LS	
Category	Earthen L	GPS La	atitud	e/Longitude		
Calegory			Start		End	
Item	Encroachments			39.4557	07°	39.455707 °
пеш				-122.0134	97 °	-122.013497 °
DWR ID	DWR_LD00	002_01_s _ 201	8_33			

Comment Code

PR: Prunings

Inspector Comment

The prunings was removed from the landside slope.

No Photos

LM Start	3.21	Rating **	A/W	Issue No.	37			
LM End	3.21	Issue Type +	Ma	Location *		LS		
Category Earthen Levee				GPS La	atitud	e/Longitude		
Category				Start		End		
Item	Trim / Thi	n Trees		39.4561	70°	39.456170	0	
пеш				-122.0119	08°	-122.011908	0	
DWR ID DWR_LD0002_01_s _ 2016_37								
	0 10 1							

Comment Code

T1 : Trim trees to at least five feet above ground level.

Inspector Comment

Willow branches trimmed on L/S slope

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement

Levee Inspection Report By Mile - Spring 2018

Levee District No. 0002 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	03/07/2018 03/07/2018	Bob Duffey

LM Start	3.23	Rating **	М	Issue No.		16	
LM End	3.30	Issue Type +	Ма	Location *	LS		
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Calegory				Start		End	
Item	Animal Co		39.4561	92 °	39.456272 °		
пеш				-122.0114	45 °	-122.010163 °	
DWR ID DWR_LD0002_01_f _ 2012_16							
		Comn	nent Cod	le			
A3 : No roo compact of		le, but rodent rows.	burrows	visible; nee	ed to	backfill and	
		Inspecto	or Comm	nent			
Grout or fill the rodent holes.							

LM Start	3.23	Rating **	М	Issue No.	16 (cont)
	0.00	Janua Tima i	N 4 -	Location *	1.0



View of the rodent holes along the landside slope.

Photo 2 of 2: SP_2018_LD0002_28_16_20180305_00012.jpg



View of the rodent holes along the landside slope.

3.24	Rating **	M	Issue No.		38		
3.24	Issue Type +	En	Location *		LS		
Category Earthen Levee				atitud	e/Longitude		
			Start		End		
Encroachi	ments		39.4562	02°	39.456202°		
		-122.0113	14°	-122.011314°			
DWR ID DWR_LD0002_01_s _ 2016_38							
	Comn	nent Cod	le				
ngs							
	Inspecto	or Comm	nent				
	3.24 Earthen L Encroachi	3.24 Issue Type + Earthen Levee Encroachments DWR_LD0002_01_s _ 201 Comn	3.24 Issue Type + En Earthen Levee Encroachments DWR_LD0002_01_s _ 2016_38 Comment Coonings	3.24 Issue Type + En Location * Earthen Levee GPS Li Start Encroachments 39.4562 -122.0113 DWR_LD0002_01_s _ 2016_38 Comment Code	3.24 Issue Type + En Location * Earthen Levee		

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Spring 2018

Levee District No. 0002 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	03/07/2018 03/07/2018	Bob Duffey

LM Start	3.37	Rating **	М	Issue No.		61
LM End	3.37	Issue Type +	En	Location *		
Category	Suppleme	ental	GPS Latitude/Longitude			
Calegory	Calegory					End
Item	DWR UC	DWR UCIP Field Study			04°	39.456704 °
item			-122.0096	21 °	-122.009621 °	
DWR ID						

Comment Code

Inspector Comment

FS_ID:44186 DS_ID:21188 EP_NO: 12444

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Needs markers 10-feet off both levee toes.
FIELD_STRUCT_DESC: Buried cable steel conduit through the levee,
2.5 feet below the crown. Conduit extends to pole on waterside (WS).
Cut in pavement visible at levee crown (aerial communication cable
across left bank levee and channel of the Sacramento River and buried
cable across the right bank overflow and through the right bank levee
authorized under Permit No. 12444, 1978-Pacific Telephone and
Telegraph Company) [Additional Reference(s): DWR Levee Logs, 2005]

FS Date: 4/1/2015

LM Start	3.37	Rating **	М	Issue No.	61 (cont)
LM End	3.37	Issue Type +	En	Location *	



Conduit may be visible on pole about 1000-feet west of levee crown.

Photo 2 of 2: UCIP_SP_2018_44186_73605.jpg



Cut in pavement at levee crown good indicator of crossing.

Levee Inspection Report By Mile - Spring 2018

Levee District No. 0002 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	03/07/2018 03/07/2018	Bob Duffey

LM Start	3.37	Rating **	М	Issue No.		62
LM End	3.37	Issue Type +	En	Location *		
Category	ental	GPS Latitude/Longitude				
Calegory	Calegory					End
Item	DWR UC	DWR UCIP Field Study			o°	39.456720
item				-122.00963	°	-122.009630
DWR ID						

Comment Code

Inspector Comment

FS_ID:44185 DS_ID:21175 EP_NO: 5376

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Conduit needs markers ten feet off both levee toes. FIELD_STRUCT_DESC: Three 3.5-inch steel cables sleeved through conduit through the levee, 3 feet below the crown. Metal cutoff wall around conduits near center of levee. Conduits are welded to the cutoff wall, extending only between the levee shoulders under the crown. Cut in pavement visible at crown. Cables extend to pole on waterside (WS). (replace existing aerial telephone cables with two buried cables authorized under Permit No. 5376, 1967-Pacific Telephone & Telegraph Co.) [Additional Reference(s): DWR Levee Logs, 2005]

FS Date: 4/1/2015

LM Start	rt 3.37 Rating **		М	Issue No.	62 (cont)
LM End	3.37	Issue Type +	En	Location *	



Conduit may be visible at pole about 1000-feet west of crown.

Photo 2 of 2: UCIP_SP_2018_44185_73607.jpg



Cut in pavement visible at crown good indicator of crossing location.

Levee Inspection Report By Mile - Spring 2018

Levee District No. 0002 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	03/07/2018 03/07/2018	Bob Duffey

LM Start	3.44	Rating **	U	Issue No.		27		
LM End	3.52	Issue Type +	Ma	Location *		LS		
Category	.evee	GPS Latitude/Longitude						
Category				Start		End		
Item	Animal Control				92 °	39.458705 °		
пеш	Item				17°	-122.009872 °		
DWR ID DWR_LD0002_01_s _ 2014_27								
	Comment Code							

A3: No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Repair the rodent holes on landside slope.

LM Start	3.44	Rating **	U	Issue No.	27 (cont)
LM End	3.52	Issue Type +	Ma	Location *	LS

Photo 1 of 2: SP_2018_LD0002_28_27_20180305_00013.jpg



View of the rodent activity along the landside slope.

Photo 2 of 2: SP_2018_LD0002_28_27_20180305_00014.jpg



View of the rodent holes along the landside slope.

LM Start	3.47	Rating **	М	Issue No.		39	
LM End	3.57	Issue Type +	En	Location *		LS	
Category	GPS Latitude/Longitude						
Calegory				Start		End	
ltom	Encroachments			39.4581	21 °	39.459331	0
пеш	Item				34 °	-122.010504	0
DWR ID	DWR ID DWR_LD0002_01_s _ 2016_39						
Comment Code							

MA: Material

Inspector Comment

Walnut hulls spread in low piles along levee toe will make access difficult, should be removed.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Spring 2018

Levee District No. 0002 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	03/07/2018 03/07/2018	Bob Duffey

LM Start	3.53	Rating **	U	Issue No.		13
LM End	3.57	Issue Type +	Ma	Location *	ation * LS	
Category	Earthen L		GPS La	titud	e/Longitude	
Calegory						End
Item	Animal Co	ontrol		39.45880)3°	39.459305°
пеш			-122.00998	30°	-122.010511 °	
DWR ID	DWR_LD0	002_01_s _ 201	3_13			

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment



View of the rodent activity along the landside slope.

LM Start	3.57	Rating **	ting ** M Issue No.			45
LM End	3.57	Issue Type +	En	Location *		LS
Category	Earthen L	GPS La	atitud	e/Longitude		
Calegory				Start		End
Item	Encroach	ments		39.4593	47°	39.459347°
пеш				-122.0105	13 °	-122.010513°
DWR ID	DWR_LD00	002_01_f _ 2016	6_45			

Comment Code

MA: Material

Inspector Comment

approx. 10 cubic yards of soil material placed at the landside toe of the levee

No Photos

LM Start	3.60	Rating **	М	Issue No.		46	
LM End	3.60	Issue Type +	Ма	Location *		WS	
Category Earthen Levee				GPS La	atitud	e/Longitude	
Calegory	Category			Start		End	
Item	Encroach	ments		39.4596	78°	39.459678	0
пеш			-122.0107	85 °	-122.010785	0	
DWR ID	DWR_LD0	002_01_f _ 2016	6_46				
		0		1			

Comment Code

PR : Prunings

Inspector Comment

Remove the tree from the waterside slope and toe.



View of a fallen tree along the waterside slope.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Spring 2018

Levee District No. 0002 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	03/07/2018 03/07/2018	Bob Duffey

LM Start	3.60	Rating **	М	Issue No.		46 (cont)		
LM End	3.60	Issue Type +	Ma	Location *	WS			
Category Earthen Levee		GPS La	atitud	le/Longitude				
Calegory				Start		End		
Item	Encroach	ments		39.4596	78°	39.459678 °		
item				-122.0107	'85	-122.010785 °		
DWR ID DWR_LD0002_01_f _ 2016_46								
		Comn	nent Cod	le				
PR : Pruni	ngs							
		Inspecto	or Comm	nent				
Remove the tree from the waterside slope and toe.								



View of the tree along the waterside slope and toe.

-									
LM Start	3.60	Rating **	М	Issue No.		43			
LM End	3.60	Issue Type +	En	Location *		LS			
Category Earthen Levee				GPS La	atitud	e/Longitude			
Category				Start		End			
Item	Encroach	ments		39.4597	20°	39.459720	0		
Item				-122.0108	12 °	-122.010812	0		
DWR ID	DWR_LD0	002_01_s _ 201	6_43						
		Comn	nent Cod	le					
PR : Pruni	ngs								
		Inspecto	or Comm	nent					

Levee Inspection Report By Mile - Spring 2018

Levee District No. 0002 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	03/07/2018 03/07/2018	Bob Duffey

LM Start	3.73	Rating **	М	Issue No.		63
LM End	3.73	Issue Type +	En	Location *		
Category	Suppleme	GPS Lati	tud	e/Longitude		
Calegory				Start		End
Item	DWR UC	IP Field Study		39.461509	°	39.461509°
пеш				-122.011493	3°	-122.011493°
DWR ID						

Comment Code

Inspector Comment

FS_ID:38178 DS_ID:21178 EP_NO: 16931

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Inspector notes indicate that pipe was never installed through levee and application was closed. Steel pipe was not installed but detachable section was installed. The pipe section goes up and over levee. Permit 16931 file was closed in 2005 owner was unable to install pipe due to costs. Permit indicates that pipe was to be used for winter supply of irrigation water to landward side. Need to coordinate with DWR inspector--permit revised for this type of structure. FIELD_STRUCT_DESC: Crossing visible at location. Current structure differs from original request in Permit No. 16931. PVC connection visible on landside (LS) toe with cutoff valve. Pipe connects to 8-inch PVC pipe extending past LS toe.

FS Date: 5/16/2013

LM Start	3.73	Rating **	М	Issue No.	63 (cont)
LM End	3.73	Issue Type +	En	Location *	



View of pump system on landward side located behind tracker.

Photo 2 of 3: UCIP SP 2018 38178 69501.jpg



Pump system located near landward toe.

Levee Inspection Report By Mile - Spring 2018

Levee District No. 0002 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	03/07/2018 03/07/2018	Bob Duffey

LM Start	3.73	Rating **	М	Issue No.		63 (cont)	
LM End	3.73	Issue Type +	En	Location *			
Category	Supplemental				GPS Latitude/Longitude		
Calegory				Start		End	
Item	DWR UC	DWR UCIP Field Study			9°	39.461509 °	
пеш				-122.011493	3°	-122.011493 °	
DWR ID							

Comment Code

Inspector Comment

FS_ID:38178 DS_ID:21178 EP_NO: 16931

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Inspector notes indicate that pipe was never installed through levee and application was closed. Steel pipe was not installed but detachable section was installed. The pipe section goes up and over levee. Permit 16931 file was closed in 2005 owner was unable to install pipe due to costs. Permit indicates that pipe was to be used for winter supply of irrigation water to landward side. Need to coordinate with DWR inspector--permit revised for this type of structure. FIELD_STRUCT_DESC: Crossing visible at location. Current structure differs from original request in Permit No. 16931. PVC connection visible on landside (LS) toe with cutoff valve. Pipe connects to 8-inch PVC pipe extending past LS toe.

FS Date: 5/16/2013



Pipe connection capped with control valve located on landward toe.

LM Start	3.74	Rating **	М	Issue No.		64
LM End	3.74	Issue Type +	En	Location *		
Category	Suppleme	ental		GPS Latitude/Longitude		
Category		Start		End		
Item	DWR UC		39.4616	74 °	39.461674°	
пеш				-122.0115	07 °	-122.011507 °
DWR ID						

Comment Code

Inspector Comment

FS_ID:38182 DS_ID:24659 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Need to contact owner to determine status of

crossing

FIELD_STRUCT_DESC: 24-inch steel drainage pipe through levee, 2-feet below the crown. Pipe is exposed on waterside (WS) with air vent on the WS levee shoulder. Open pump is approximately 550 feet on the landside (LS) of the levee toe and concrete distribution pipe. (electronic permit not available - Permit No. 16280-1995, Mathew J.

Southam/McGowan) FS Date: 5/16/2013

Photo 1 of 3: UCIP_SP_2018_38182_69537.jpg



View of waterward side.

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Spring 2018

Levee District No. 0002 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	03/07/2018 03/07/2018	Bob Duffey

LM Start	3.74	Rating **	М	Issue No.		64 (cont)
LM End	3.74	Issue Type +	En	Location *		
Category	Suppleme	GPS Latitude/Longitude				
Calegory	alegory					End
Item	DWR UC	DWR UCIP Field Study			4 °	39.461674°
пеш				-122.01150	7 °	-122.011507°
DWR ID						

Comment Code

Inspector Comment

FS_ID:38182 DS_ID:24659 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Need to contact owner to determine status of

crossing.

FIELD_STRUCT_DESC: 24-inch steel drainage pipe through levee, 2-feet below the crown. Pipe is exposed on waterside (WS) with air vent on the WS levee shoulder. Open pump is approximately 550 feet on the landside (LS) of the levee toe and concrete distribution pipe. (electronic permit not available - Permit No. 16280-1995, Mathew J.

Southam/McGowan) FS Date: 5/16/2013

LM Start	3.74	Rating **	М	Issue No.	64 (cont)
LM End	3.74	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_38182_69533.jpg



Pipe visible on waterward side.

Photo 3 of 3: UCIP_SP_2018_38182_69541.jpg



View of channel on waterward side.

Levee Inspection Report By Mile - Spring 2018

Levee District No. 0002 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	03/07/2018 03/07/2018	Bob Duffey

LM Start	3.94	Rating **	М	Issue No.		31	
LM End	3.94	Issue Type +	Ma	Location *	WS		
Category	Earthen Levee					e/Longitude	
Calegory			Start		End		
Item	Encroachments			39.464548°		39.464548 °	
пеш				-122.011420 °		-122.011420 °	
DWR ID	DWR ID DWR_LD0002_01_s _ 2017_31						
		Comn	nent Cod	le			
TR : Tree	TR : Tree or limb						
Inspector Comment							
Remove the tree from the waterside slope and toe.							



View of the tree along the waterside slope and toe.

LM Start	4.02	Rating **	С	Issue No.		47
LM End	4.02	Issue Type +	Ma	Location *		LS
Category	Earthen L		GPS Latitude/Longitude			
Calegory				Start		End
Item	Animal Co		39.4656	22 °	39.465622 °	
пеш				-122.0112	46 °	-122.011246 °
DWR ID	DWR_LD0002_01_f _ 2016_47					

Comment Code

A1 : Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

The rodent holes was repaired along the landside slope.

Nο	Photos	

LM Start	4.02	Rating **	М	Issue No.		49	
LM End	4.02	Issue Type +	Ma	Location *		WS	
Category	GPS Latitude/Longitude						
Calegory		Start		End			
Item	Encroachments			39.4656	87°	39.465687	0
пеш				-122.0112	57°	-122.011257	0
DWR ID DWR_LD0002_01_s _ 2017_49							
Comment Code							

TR: Tree or limb

Inspector Comment

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Spring 2018

Levee District No. 0002 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	03/07/2018 03/07/2018	Bob Duffey

LM Start	4.05	Rating **	М	Issue No.		50
LM End	4.05	Issue Type +	Ma	Location *	WS	
Category	evee	GPS La	titud	le/Longitude		
Calegory		Start		End		
Item	Encroach	ments		39.4661	58°	39.466158°
пеш	-122.011335 ° -122.0					-122.011335 °
DWR ID DWR_LD0002_01_s _ 2017_50						
		Comn	nent Coc	de		

TR : Tree or limb

Inspector Comment

Remove the tree from the waterside slope and toe.



View of the tree on the water sideslope and toe.

LM Start	4.32	Rating **	М	Issue No.		65
LM End	4.32	Issue Type +	En	Location *		
Category	Suppleme	ental		GPS La	atitud	e/Longitude
Calegory				Start		End
Item	DWR UC	IP Field Study		39.4699	08 °	39.469908°
пеш				-122.0121	17°	-122.012117°
DWR ID						

Comment Code

Inspector Comment

FS_ID:44188 DS_ID:21181 EP_NO: 18072

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Pipe needs better markers at pipe crossing.

FIELD_STRUCT_DESC: 6-inch steel irrigation pipe through the levee, 2 feet below the levee. Well, pump, and vent visible on landside (LS) toe. Vent visible just off waterside (WS) toe. (6-inch pipe authorized

under Permit No. 18072, 2006-McCowan & Southam)

FS Date: 4/1/2015

Photo 1 of 3: UCIP_SP_2018_44188_69544.jpg



3-inch PVC pipe and vent exposed on waterward toe, likely in alignment with this crossing.

Levee Inspection Report By Mile - Spring 2018

Levee District No. 0002 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	03/07/2018 03/07/2018	Bob Duffey

LM Start	4.32	Rating **	М	Issue No.		65 (cont)
LM End	4.32	Issue Type +	En	Location *		
Category	Suppleme	ental		GPS Lat	itud	e/Longitude
Calegory				Start		End
Item	DWR UC	IP Field Study		39.46990	8 °	39.469908 °
пеш				-122.01211	7 °	-122.012117 °
DWR ID						

Comment Code

Inspector Comment

FS_ID:44188 DS_ID:21181 EP_NO: 18072

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Pipe needs better markers at pipe crossing.

FIELD_STRUCT_DESC: 6-inch steel irrigation pipe through the levee, 2 feet below the levee. Well, pump, and vent visible on landside (LS) toe. Vent visible just off waterside (WS) toe. (6-inch pipe authorized under Permit No. 18072, 2006-McCowan & Southam)

FS Date: 4/1/2015

 LM Start
 4.32
 Rating **
 M
 Issue No.
 65 (cont)

 LM End
 4.32
 Issue Type +
 En
 Location *



3-inch PVC pipe and vent exposed on waterward toe, likely in alignment with this crossing.

Photo 3 of 3: UCIP_SP_2018_44188_73609.jpg



Well and pump visible on LS toe.

Levee Inspection Report By Mile - Spring 2018

Levee District No. 0002 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	03/07/2018 03/07/2018	Bob Duffey

LNA Ctart	4.62	Rating **	М	Issue No.		51	
LM Start	4.02	rtating	IVI	13306 110.		3 1	
LM End	4.62	Issue Type +	Ma	Location *		WS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Category				Start		End	
Item	Encroach	Encroachments			22 °	39.473522 °	
пеш				-122.0154	18 °	-122.015418 °	
DWR ID	DWR_LD0	002_01_s _ 201	7_51				
		Comn	nent Coo	le			
TR : Tree	TR : Tree or limb						
	Inspector Comment						

No Photos

LM Start	4.70	Rating **	М	Issue No.		52	
LM End	4.70	Issue Type +	Ma	Location *	ocation * WS		
Category	GPS La	atitud	e/Longitude				
Calegory	Calegory				Start		
Itom	Encroach	ments		39.4744	68°	39.474468	0
пеш	Item					-122.016175	0
DWR ID DWR_LD0002_01_s _ 2017_52							
		Comp	ant Coc	10			

No Photos

TR : Tree or limb

Inspector Comment

LM Start	4.87	Rating **	С	Issue No.		11	
LM End	4.87	Issue Type +	Ma	Location *	LS		
Category Earthen Levee				GPS La	atituc	de/Longitude	
Calegory				Start		End	
Item	Animal Co	imal Control			39.476676 °		0
item				-122.0174	39°	-122.017439	0
DWR ID	DWR_LD00	002_01_s _ 201	2_11				
		Comn	nent Cod	le			
A3: No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.							

Inspector Comment

The rodent holes have been filled with dirt.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Spring 2018

Levee District No. 0002 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	03/07/2018 03/07/2018	Bob Duffey

LM Start	4.88	Rating **	U	Issue No.		66
LM End	4.88	Issue Type +	En	Location *		
Category	Suppleme	ental		GPS Lati	tud	e/Longitude
Calegory				Start		End
Item	DWR UC	IP Field Study		39.47678	1°	39.476781 °
пеш				-122.01749	1°	-122.017494°
DWR ID						

Comment Code

Inspector Comment

FS_ID:49909 DS_ID:21176 EP_NO: 15198 Repair Type: Urgent Crossing Status: Not Found

UCIP Comments: 07/07/2016 same as previous inspection: No markers found. Unable to confirm crossing status. (DWR UCIP - omagana)05/16/2013 No markers found. Need to contact owner to determine if crossing is still active and to determine last inspection date. Will need copy of letter showing crossings passed inspection. (DWR UCIP - omagana)

FIELD_STRUCT_DESC: 2-inch steel gas line through the levee, 2.5 feet below the crown. (2-inch gas line authorized under Permit No.

15198, 1989-Northern Michigan Exploration Company)

FS Date: 7/7/2016

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement